

AMENDED

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**MERIT PROMOTION ANNOUNCEMENT**

DEPARTMENTS OF THE ARMY AND AIR FORCE  
NORTH CAROLINA NATIONAL GUARD  
HUMAN RESOURCES OFFICE  
4105 REEDY CREEK ROAD  
RALEIGH, NORTH CAROLINA 27607-6410

**ANNOUNCEMENT #:** ARNGT 08-022

**OPENING DATE:** 18 January 2008

**CLOSING DATE:** 19 February 2008

**ANTICIPATED FILL DATE:** 23 Mar 08

**AMENDED DATE:** 1 Feb 08

**POSITION TITLE AND NUMBER**

Surface Maintenance Mechanic Leader  
PDCN 70742000, MD# 7021-215

**UNIT/ACTIVITY AND DUTY LOCATION**

Maneuver Area Training Equipment Site (MATES)  
NCARNG, Ft. Bragg, North Carolina

**GRADE AND SALARY**

WL-5801-10 \$21.34 - \$24.93 per hour

**EMPLOYMENT STATUS**

Excepted Service

**WHO CAN APPLY:** *The area of consideration for this announcement is the Current On-Board Technicians Only. Applications will only be accepted from current Excepted employees of the North Carolina National Guard.*

*Changes are in Italics*

**HOW TO APPLY:** Interested applicants may apply by submitting an Application for Federal Employment (Standard Form 171), Optional Application for Federal Employment (Optional Form 612), Resume or any other form of application. It is required that the Knowledge, Skills and Abilities (KSA) listed below be addressed and attached to the application. Applications must reflect duties and responsibilities of positions/jobs addressed within the KSAs. The application and KSA Statement should be mailed to the North Carolina National Guard, ATTN: JFHQ-NC-HRO, 4105 Reedy Creek Road, Raleigh, NC 27607-6410. It must be received not later than the closing date or if mailed postmarked by the closing date. **NOTE: Information that must be provided when applying for a technician position is as follows: announcement number; name; address; telephone number; social security number, date of birth; citizenship; education; work experience; and other job-related qualifications. For more information, call 1-800-621-4136 ext. 6172/6431. Faxed or E-mailed copies will not be accepted\*.**

**QUALIFICATION REQUIREMENT:** Must have 24 months specialized experience which demonstrates that the applicant has acquired the below listed KSA's. The application or resume must reflect the required 24 months experience. Education may be substituted for experience when applicable and the appropriate transcripts are submitted with application. In-service placement actions will be considered when applicable.

**KNOWLEDGE, SKILLS ABILITIES (KSA'S)**

Below are listed KSA's for this position. Applicants must address each KSA individually in paragraph format by explaining any civilian and military work experience (*with inclusive dates that reflect 24 months of specialized experience*) that provided that KSA. It is required that this statement be attached to the application/resume. Failure to do so will result in the applicant not being considered for this position. For more information or assistance, call 1-800-621-4136 ext. 6172-6431.

1. Knowledge of the mechanical makeup, operation, and working relationships of complex systems, assemblies, and parts for a variety of combat, tactical, commercial, special purpose vehicles and equipment.
2. Ability to diagnose, repair, overhaul, and modify a variety of combat, tactical, commercial, special purpose vehicles and equipment.
3. Knowledge of electrical, electronic, hydraulic, pneumatic, and other non-mechanical systems that have a functional relationship and effect on the operation of mechanical systems.
4. Knowledge of hydraulic lifting, loading, turning, and positioning systems and their mechanical, hydraulic, pneumatic, electrical, and electronic controls.
5. Basic knowledge of electronics, sufficient to identify and replace defective components, such as sensors, diodes, and circuit boards.
6. Ability to repair or overhaul major components such as diesel, multi-fuel or gasoline engines, turbine engines, automatic and manual transmissions, drive line assemblies, electrical and electronic systems and accessories, fuel injection systems, and emission control systems.
7. Skill to use a wide variety of test and diagnostics equipment to perform fault isolation and conduct repair of combat, tactical, commercial, special purpose vehicles and equipment. Ability to operate and understand original equipment manufacturer computerized diagnostic equipment and embedded diagnostics.
8. Ability to utilize, interpret and apply parts list, manufacturer's repair manuals, technical manuals, diagrams, engineering drawings, diagnostic computer information, and schematics.

**MILITARY ASSIGNMENT:** Assignment to a compatible Warrant Officer or Enlisted position in the NCARNG is mandatory. (WO: 91; ENL: CMF 63; 14J/T, 88L/P)

**CONDITIONS OF EMPLOYMENT:** 1. Occupants of this position must maintain continuous military membership in the North Carolina Army National Guard (NCARNG). NCARNG status (military grade, MTOE or TDA assignment, MOS/SSI, military unit) and experience must be entered on the application. The recommended applicant will not be approved for appointment until they occupy a compatible MOS in the NCARNG shown under Military Assignment on the reverse side of this announcement. 2. The applicant selected for this position will be required to participate in the Direct Deposit/Electronic Fund Transfer Program. 3. The recommended applicant will not be approved for appointment until the appropriate physical examination is completed and approved by the Safety Office.

**EVALUATION FACTORS USED:** Personal interview, review of application and the KSA Statement.

**PRINCIPAL DUTIES AND RESPONSIBILITIES:** Assigns work orders to specific crewmembers and selects workers for various jobs on the basis of knowledge, skills, and abilities. Passes on to workers instructions received from the supervisor, demonstrates proper work methods, and starts work. Insures that needed plans, blueprints, material, and tools are available, and that needed stock is obtained from supply locations. Works along with other workers and sets pace performing non-supervisory repair work of the same kind and level as that done by the group led. Work performed by the incumbent involves troubleshooting, maintenance and major repairs on heavy-duty mobile equipment, combat, tactical, and automotive vehicles. Assures that there is enough work to keep the work crew busy. Checks work in progress and when finished for compliance with supervisor's instructions, work orders, and established shop procedures on work sequence, procedures, methods and deadlines; and directs or advises other workers to follow supervisor's instructions and to meet deadlines. Answers workers' questions regarding procedures, policies, written instructions, and other directives. Interprets work instructions and assists lower graded repairers or trainees in the more difficult and complex tasks. Provides information to the supervisor on status and progress of work, causes of delays, and overall work operations and problems. Assures that safety and housekeeping rules are followed. Troubleshoots, performs maintenance and major repairs on heavy-duty mobile equipment, combat, tactical and automotive vehicles. This may include self-propelled artillery, tracked cargo and personnel carriers, road graders, mobile cranes, front loaders, conveyors, bulldozers, power shovels, compressors, generators, tanks, tracked combat vehicles, sedans, buses, all terrain vehicles, trucks, semi trailers, forklifts, tractors, and accessory equipment. Incumbent troubleshoots repairs and may overhaul major systems to include internal combustion engines, turbine engines, automatic and non-automatic transmissions, heavy duty drive line systems, and hydraulic utility systems and controls. Makes repairs to assemblies and components such as voltage regulators, generators/alternators, brake cylinders, etc. Performs work in accordance with Modification Work Orders, Technical Manuals, Lubrication Orders, Maintenance Bulletins, Regulations or management policies. Incumbent may repair a variety of more complex major systems to include engines, cross drive or similar multi-system transmissions and a variety of intricate fuel injection systems. Troubleshoots equipment and diagnoses the cause of mechanical failures by means of visual and auditory checks and/or uses test equipment such as engine analyzers, compression testers, voltmeters, ohmmeters, pressure gauges, and computer diagnostic tools. Utilizes embedded diagnostics in equipment and a wide variety of original equipment manufacturer system analyzers in order to determine the exact nature or extent of repair. Determines what adjustments may be necessary to complete work orders, and whether any additional repairs other than those specified or indicated on the work order are necessary. Removes and disassembles engines and major assemblies, sub-assemblies, components, and fuel, hydraulic, and oil pressure systems. Makes the appropriate repairs, overhaul, or modifications in accordance with the proper repair specifications and procedures. Reassembles engines and other systems, and adjusts, tests, and reinstalls in vehicles and equipment as necessary. Makes adjustments and repairs to electrical and suspension systems. May install pistons, sleeves, rings, bearings, rods, crankshafts, timing gears, and rocker arms. May be required to perform fuel injection equipment repair, overhaul, rebuild, and calibration duties utilizing a variety of complex test and calibration equipment. Independently performs repairs and maintenance functions with little or no supervision in remote locations that can be accomplished by removing, cleaning, reinstalling, or replacing defective parts of components and systems such as injectors, leaking wheel cylinders, corroded mufflers, fuel tanks, brake cylinders and worn brake shoes, voltage regulators, generators, injector pumps, and fuel pumps. Provides technical guidance and specialized team leadership to lower grade employees within the team. Assists lower grade mechanics in performing major repair work. May provide Field and limited Sustainment maintenance at unit locations as part of a "contact team". Recovers and evacuates inoperable vehicles from the unit location of breakdown. May assist higher graded mechanics in repairing a variety of interconnected systems such as electrical, air and hydraulic systems, complex state of the art electrical and electronic systems which use specialized diagnostic equipment to identify problems, complex fuel injection systems, and other similar complex systems. Conducts readiness and repair inspections on vehicles and associated equipment supported by the activity. Performs operational inspections and ensures vehicles and equipment are properly serviced, including brake adjustments, replacing hydraulic fluids, greasing, cleaning, etc., and performs other preventive maintenance operations as required. Inspects supported equipment prior to use during Inactive Duty Training (IDT) and Annual Training (AT), to ensure that it is functioning properly. May inspect in-process repair work of lower graded repairer to ensure equipment is being repaired in accordance with pertinent requirements. May serve as a commodity inspector during Command Maintenance Management evaluations (COMET) or as a member of a Maintenance Assistance Instruction Team (MAIT). Instructs operator/crew in the maintenance of equipment and provides technical advice and assistance to supported units when requested. May maintain and repair electronics communication equipment by removing and replacing components and elements. Equipment includes such items as radios, field telephones, amplifiers, switchboards, recorders, intercoms. Assists in the maintenance of production reports and records, and makes recommendations to the supervisor. Plans, organizes, and performs technical analyses as required or assigned. Makes recommendations to the supervisor as to adjustments necessary to effectively, efficiently and economically accomplish the work and maximize production. Performs other duties as assigned.

Announcement No: ARNGT 08-022 (Cont.)

**INSTRUCTIONS TO COMMANDERS/SUPERVISORS:** This position vacancy announcement will be given the broadest possible dissemination. A copy of this announcement will be posted to your unit/activity bulletin board.

**ADDITIONAL INSTRUCTIONS:** Applicants are requested to identify, on a separate sheet of paper, their race and national origin from one of the following categories: Male or female; American Indian or Alaskan native; Asian or Pacific islander; Black, not of Hispanic origin; Hispanic; White, not of Hispanic origin. Submission of this information is voluntary and will be used in support of the NCNG Equal Employment and Affirmative Action Programs. 2. Participants in the Selected Reserve Incentive Program will be administered as prescribed by NGB Pamphlet 600-15. 3. A permanent change of station (PCS) will not be authorized for the individual selected for this position unless agreed upon in advance by HRO and a PCS order is prepared prior to effective date. 4. Males born on or after 1 January 1960 must be registered with the selective service in order to be considered for federal employment

**INFORMATION SUBMITTED WILL BE USED ONLY IN ACCORDANCE WITH THE PRIVACY ACT OF 1974**

**DISTRIBUTION:** A, B, C-3, G-25, H-3, J-3, K-3, M, N-12, P-9, Q, W-2, Y-2, R: HRO-1, AGAV-1, AGCS-3, DCSANG-1, J4-4, J3-3, J1-3, FMCB-2, IG-1, SCSM-1, SRAA-1, VCSOP-1

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